

# Industrial Electricity Career Studies Certificate

## Program Coordinator:

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**Program Purpose:** This program is designed to update the skills for full-time employment as an industrial electrician. A student who completes the program is capable of performing the job skills normally expected of beginning industrial electricians. The semester-by-semester sequence of courses may be modified when necessary. Courses may be substituted or adjustments may be made by the College to meet program objectives and requirements.

First Semester (Fall)		
ELE 133	Practical Electricity I	3
ELE 245	Industrial Wiring	3
ELE 132	National Electric Code II	3
MEC 161	Hydraulics and Pneumatics	3
<b>Total Credits</b>		<b>12</b>
Second Semester (Spring)		
ELE 134	Practical Electricity II	3
ELE 175	Industrial Solid State Devices	3
ELE 141	DC & AC Machines	4
ELE 233	Programmable Logic Controllers I	3
<b>Total Credits</b>		<b>13</b>

**Total minimum credits for Career Studies Certificate**

**25**